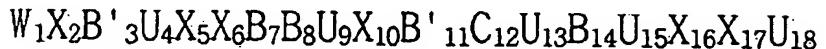


What is claimed is

1. A peptide separated from tunicate and comprising
amino acid sequence represented by the below
5 <Chemical Formula 1> in which each amino acid is
represented by each figure;

<Chemical Formula 1>



10 In the above Formula,
W represents tryptophane or its derivatives;
X represents more than one amino acid residue
selected from a group consisting of tyrosine, valine,
isoleucine, methionine, phenylalanine and tryptophane,
15 and the derivatives thereof;
B represents more than one amino acid residue
selected from a group consisting of arginine, lysine
and histidine, and the derivatives thereof;
B' represents more than one amino acid residue
20 selected from a group consisting of arginine, lysine
and histidine or from a group consisting of asparagine
and glutamine, and the derivatives thereof; and
U represents more than one amino acid residue

selected from a group consisting of glycine, serine, alanine and threonine, and the derivatives thereof.

2. The peptide as set forth in claim 1, wherein the
5 tunicate is *Halocynthia aurantium*.

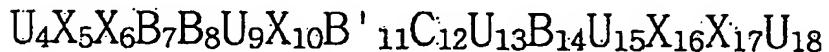
10 3. The peptide as set forth in claim 1, wherein the W is tryptophane, the X is one selected from a group consisting of leucine, isoleucine and valine, the B is one selected from a group consisting of asparagine, glutamine, histidine, lysine and arginine, the U is one selected from a group consisting of alanine, serine, and glycine, and the C is cysteine.

15 4. The peptide as set forth in claim 1, wherein the peptide is consisted of amino acid sequence represented by SEQ. ID. No 1 in which W₁ is tryptophane, X₂ is leucine, B'₃ is asparagine, U₄ is alanine, X₅ is leucine, X₆ is leucine, B₇ is histidine, B₈ is histidine, U₉ is glycine, X₁₀ is leucine, B'₁₁ is asparagine, C₁₂ is cysteine, U₁₃ is alanine, B₁₄ is lysine, U₁₅ is glycine, X₁₆ is valine, X₁₇ is leucine and U₁₈ is alanine.

20 25 5. A peptide comprising amino acid sequence represented

by the below <Chemical Formula 2> in which three amino acids ($W_1X_2B'_3$) of the peptide represented by the above <Chemical Formula 1> are lost;

5 <Chemical Formula 2>



In the above Formula,

U represents more than one amino acid residue selected from a group consisting of glycine, serine, 10 alanine and threonine, and the derivatives thereof;

X represents more than one amino acid residue selected from a group consisting of tyrosine, valine, isoleucine, leucine, methionine, phenylalanine and tryptophane, and the derivatives thereof;

15 B represents more than one amino acid residue selected from a group consisting of arginine, lysine and histidine, and the derivatives thereof; and

B' represents more than one amino acid residue selected from a group consisting of arginine, lysine 20 and histidine or from a group consisting of asparagine and glutamine, and the derivatives thereof.

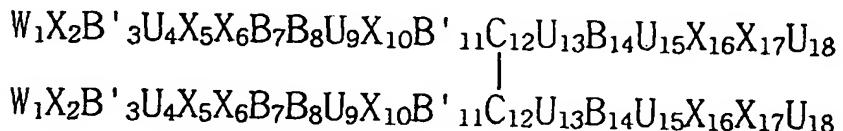
6. The peptide as set forth in claim 5, wherein the X is selected from a group consisting of leucine,

isoleucine and valine, the B is selected from a group consisting of asparagine, glutamine, histidine, lysine and arginine, the U is selected from a group consisting of alanine, serine, and glycine, and the C is cysteine.

7. The peptide as set forth in claim 5, wherein the peptide is consisted of amino acid sequence represented by SEQ. ID. No 2 in which U_4 is alanine, X_5 is leucine, X_6 is leucine, B_7 is histidine, B_8 is histidine, U_9 is glycine, X_{10} is leucine, B'_{11} is asparagine, C_{12} is cysteine, U_{13} is alanine, B_{14} is lysine, U_{15} is glycine, X_{16} is valine, X_{17} is leucine and U_{18} is alanine.

15
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8. A peptide represented by the below <Chemical Formula 3> wherein the peptide represented by <Chemical Formula 1> of claim 1 is combined with the other peptide represented by <Chemical Formula 2> of claim 5 at cysteine site by disulfide bond;

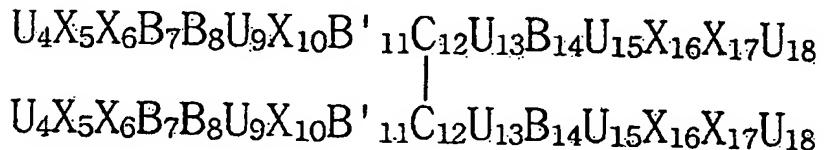
20
<Chemical Formula 3>



9. A peptide represented by the below <Chemical Formula 4> wherein the two peptides represented by <Chemical Formula 1> of claim 1 are combined with each other at cysteine site by disulfide bond;

5

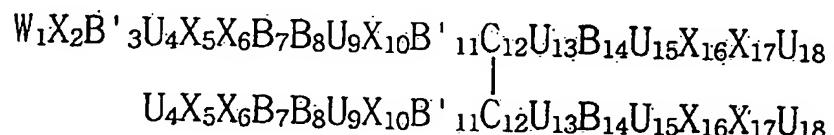
<Chemical Formula 4>



10. A peptide represented by the below <Chemical Formula 5> wherein the two peptides represented by <Chemical Formula 2> of claim 5 are combined with each other at cysteine site by disulfide bond;

10

<Chemical Formula 5>



15 11. An antimicrobial agent comprising one or more peptides selected from a group consisting of compounds represented by <Chemical Formula 1 - 5> as an active ingredient.